

1/14

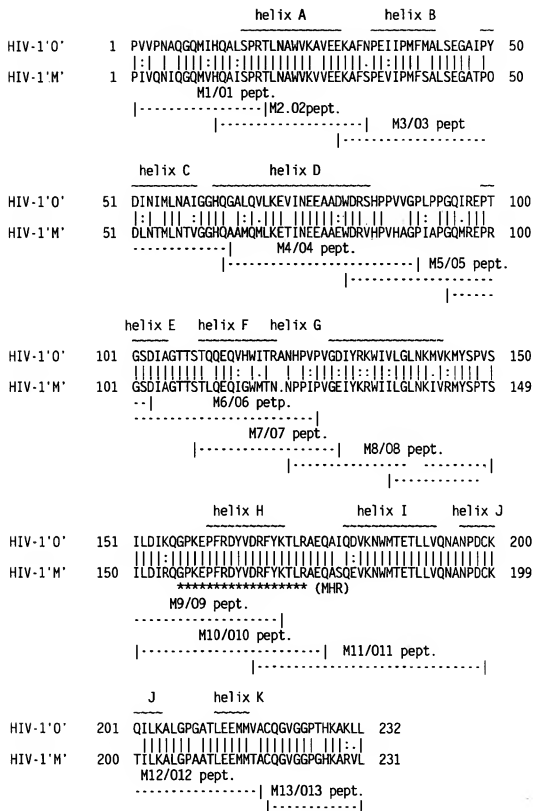


FIG.1A

2/14

		helix A	helix B	
HIV-1'O'	1	PVVPNAQGQMT HQALS PRTL NAWKAVEEKA FNPEIIPMFALSEGAI PY		50
HIV-1'M'	1	PIVQNIQGGMVHQ AIS PRTL NAWKVVEEKA FSPEVIMFSA LSEGAT PQ		50
HIV-2'A'	1	P.VQQAGGNYI HVPLSPRTL NAWVKLVEEKFGAEVVP GFQALSEGCT PY		49
		helix C	helix D	
HIV-1'O'	51	DINIMLNAIGGHQ GALQVLKEVINEEAADWDRSHPPVVGPLPPGQIREPT		100
HIV-1'M'	51	DLNTMLNTVGGHQAA MQMLKETINEEAAEWDRVHP VHAGPIAPGQMREPR		100
HIV-2'A'	50	DINQMLNCVGDHQA MQIIREIINEEAADWDQAHP IP.GPLPAGQLRDPR		98
		helix E	helix F	helix G
HIV-1'O'	101	GSDIAGTTSTQEQVHWITRANHVPVVGDIYRKWIVLGLNKMVKMYSPVS		150
HIV-1'M'	101	GSDIAGTTSTLQEQIGWMTN.NPPIPVGEIYKRWIILGLNKIVRMYSPTS		149
HIV-2'A'	99	GSDIAGTTSTVDEQIQMYRQPNPVPVGN IYRRW IQIGLQKCVRMYNPTN		148
		helix H	helix I	helix J
		***** (MHR)		
HIV-1'O'	151	ILDIKQGPKEPFRDYVDRFYKTLRAEQAIQDVKNWMTETLLVQNANPDCK		200
HIV-1'M'	150	ILDIRQGPKEPFRDYVDRFYKTLRAEQASQEVKNWMTETLLVQNANPDCK		199
HIV-2'A'	149	ILDVKQGPKE SFQSYVDRFYKSLRAEQTDPAVKNWMTQTLLIQNANPDCK		198
		J	helix K	
HIV-1'O'	201	QILKALGPGATLEEMMVACQGVGGPTHKAKLL		232
HIV-1'M'	200	TILKALGPAATLEEMMTACQGVGGPGHKARVL		231
HIV-2'A'	199	LVLKGLGMNPTLEEMLTACQGVGGPSQAKRLM		230

FIG.1B

3/14

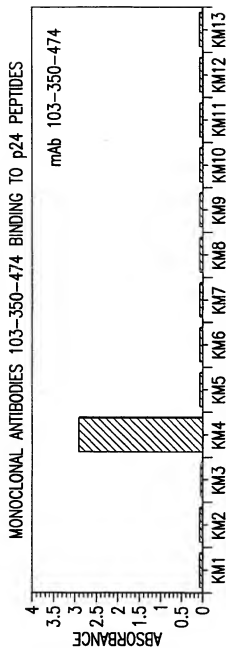


FIG.2A-1

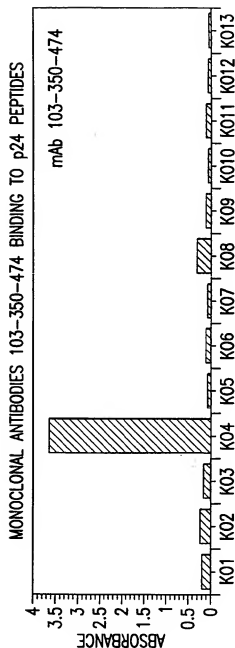


FIG.2A-2

4/14

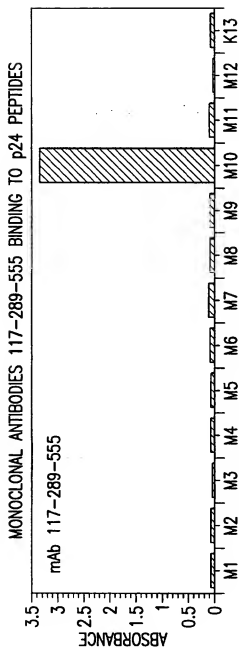


FIG.2A-3

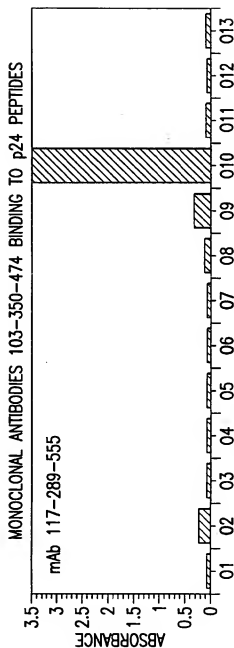


FIG.2A-4

5/14

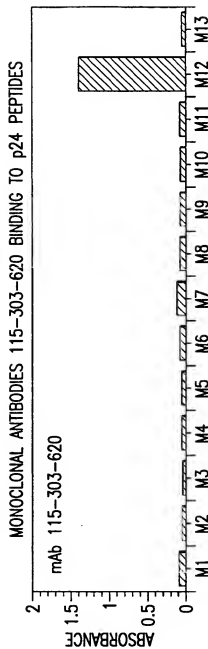


FIG.2B-1

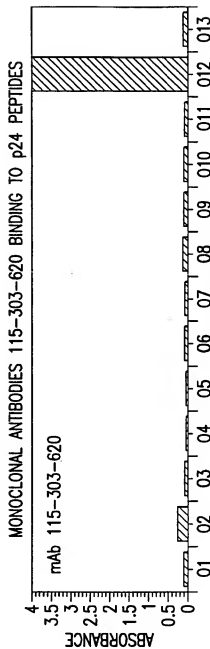


FIG.2B-2

6/14

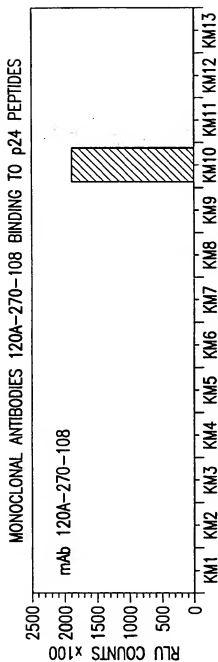


FIG.2B-3

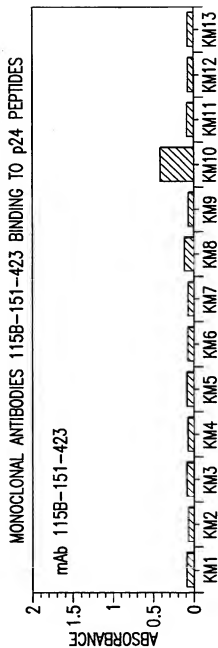


FIG.2B-4

7/14

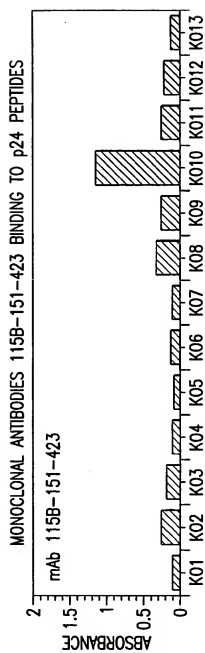


FIG.2B-5

8/14

LOCATION OF DELETION CLONES DERIVED
FROM HIV-1 GROUP M AND O p24

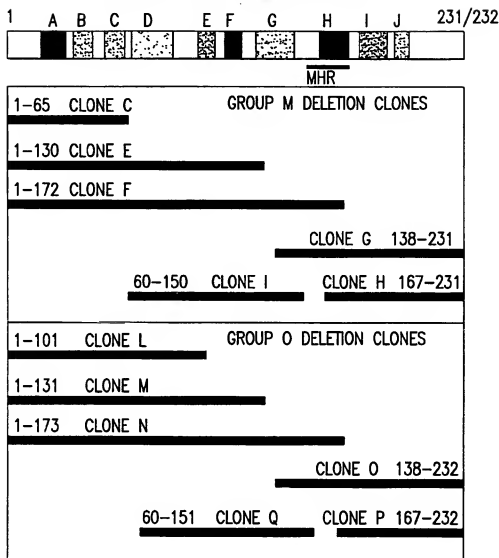


FIG.3

9/14

Western blot of mAb 115B-151-423 against deletion
HIV-1'M' HIV-1'O'

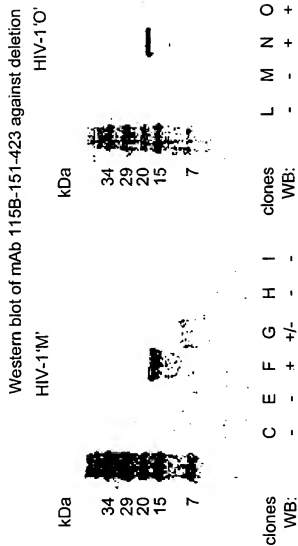


clones	C	E	F	G	H	I	clones	L	M	N	O	P	Q
WB:	-	-	+	+/-	-	-	WB:	-	-	+	+	-	-

Western blots of mAbs against p24 deletion clones

FIG.4A

10/14



Western blots of mAbs against p24 deletion clones

FIG.4B

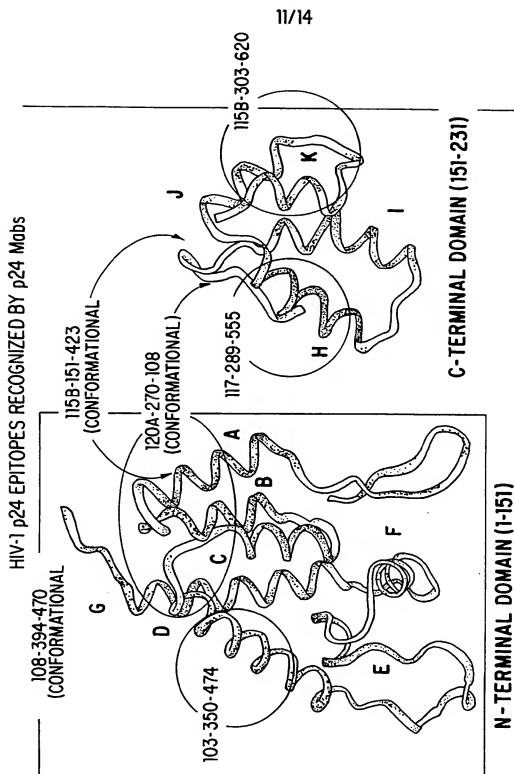


FIG.5

12/14

HIV-1 p24M DETECTION BY 120A-270-108-uPARTICLE AND
115B-151-423-ACR ON PRISM STANDALONE INSTRUMENT

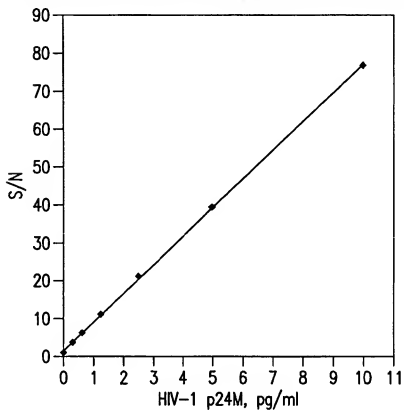


FIG.6

13/14

HIV-1 p240 DETECTION BY 120A-270-108-uPARTICLE AND
115B-151-423-ACR ON PRISM STANDALONE INSTRUMENT

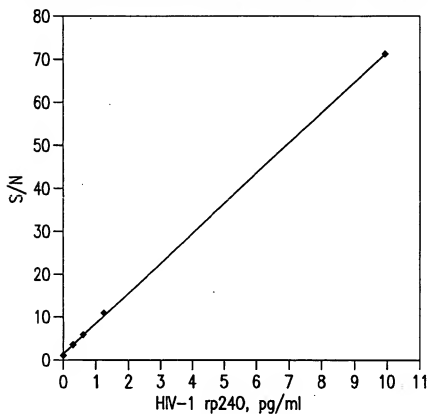


FIG.7

14/14

HIV-2 rp26 DETECTION BY 120A-270-108- μ PARTICLE AND
115B-151-423-ACR ON PRISM STANDALONE INSTRUMENT

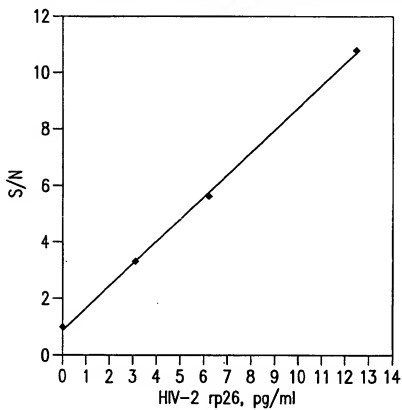


FIG.8